

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	"20040166802".pn.	US-PGPUB; USPAT	OR	ON	2010/05/08 21:27
L4	22	(symmetric\$5) with antenna with (divider isolator seperator) and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/08 22:00
L5	44	(micro\$strip (micro adj strip)) near3 antenna and satellite and repeater and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:02
L6	5	(micro\$strip (micro adj strip)) near3 antenna and satellite and repeater and symmetric\$5 and divider and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:02
L13	102	(micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and repeater and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:43
L14	1	(micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and repeater and (bi-direction \$4) and (symmetric) and (divid\$3 isolat\$4 seperat \$4) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:45
L15	4	(micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (repeater transmit\$4) and (bi-direction\$4) and (symmetric) and (divid\$3 isolat\$4 seperat\$4) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:47
L16	4	(micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (bi- direction\$4) and (symmetric) and (divid\$3 isolat\$4 seperat\$4) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:48

L17	5	{micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (bi-direction\$4 dual? directional (dual near2 direction\$3)) and (symmetric) and (divid\$3 isolat\$4 seperat\$4) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:48
L18	89	{micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (bi-direction\$4 dual? directional (dual near2 direction\$3)) and (divid\$3 isolat\$4 seperat\$4) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:50
L19	16	{micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (bi-direction\$4 dual? directional (dual near2 direction\$3)) and symmetric\$4 and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 22:50
L24	139	{micro\$strip (micro near2 strip) (patch near2 array)) near3 antenna and (bi-direction\$4 dual? directional (dual near2 direction\$3) fold\$5 bi-polar bi?polar dual-lobe dual?lobe) and symmetric \$4 and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2010/05/08 23:00
S1	8	("20010046258"   "5835063"   "5937332"   "6025805"   "6157621"   "6268861"   "6339406"   "6400329").PN.	US-PGPUB; USPAT	OR	ON	2008/08/20 15:13
S2	2	((YONG-MIN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/20 17:34
S3	13	((JONG-WON) near2 (EUN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/20 17:35
S4	28	((SEONG-PAL) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/20 17:39
S5	5415	455/7-25.ccls.	US-PGPUB; USPAT	OR	OFF	2008/08/20 17:44
S6	60	{micro\$strip (micro adj strip)) near3 antenna and satellite and repeater	US-PGPUB; USPAT	OR	ON	2008/08/20 17:50

S7	98	satellite and repeater and (micro\$strip (micro adj strip))	US-PGPUB; USPAT	OR	ON	2008/08/20 18:21
S8	2	((YONG-MIN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/01/05 16:28
S9	14	((JONG-WON) near2 (EUN)).INV.	US-PGPUB; USPAT	OR	OFF	2009/01/05 16:28
S10	29	((SEONG-PAL) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/01/05 16:28
S11	5549	455/7-25.ccls.	US-PGPUB; USPAT	OR	OFF	2009/01/05 16:28
S12	68	(micro\$strip (micro adj strip)) near3 antenna and satellite and repeater	US-PGPUB; USPAT	OR	ON	2009/01/05 16:28
S13	106	satellite and repeater and (micro\$strip (micro adj strip))	US-PGPUB; USPAT	OR	ON	2009/01/05 16:28
S14	6826	satellite and repeater	US-PGPUB; USPAT	OR	ON	2009/01/05 17:41
S15	2059	satellite with repeater and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/01/05 17:42
S16	155	satellite with repeater and micro and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/01/05 17:42
S17	15	satellite with repeater and micro and blocked and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/01/05 17:50
S18	83	("4041389"   "4198600"   "4880196"   "4965548"   "4972505"   "4979170"   "5023930"   "5134708"   "5152002"   "5231646"   "5233626"   "5303286"   "5303393"   "5339330"   "5448623"   "5486836"   "5490284"   "5526404"   "5537472"   "5542104"   "5552798"   "5559865"   "5587717"   "5628049"   "5812086").PN. OR ("5937332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/26 18:39
S19	8	("20010046258"   "5835063"   "5937332"   "6025805"   "6157621"   "6268861"   "6339406"   "6400329").PN.	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S20	2	((YONG-MIN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34

S21	14	((JONG-WON) near2 (EUN)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S22	29	((SEONG-PAL) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S23	5720	455/7-25.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S24	74	{micro\$strip (micro adj strip)) near3 antenna and satellite and repeater	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S25	113	satellite and repeater and {micro\$strip (micro adj strip))	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S26	2	((YONG-MIN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S27	14	((JONG-WON) near2 (EUN)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S28	29	((SEONG-PAL) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S29	5720	455/7-25.ccls.	US-PGPUB; USPAT	OR	OFF	2009/05/26 19:34
S30	74	{micro\$strip (micro adj strip)) near3 antenna and satellite and repeater	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S31	113	satellite and repeater and {micro\$strip (micro adj strip))	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S32	7145	satellite and repeater	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S33	2077	satellite with repeater and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S34	156	satellite with repeater and micro and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S35	15	satellite with repeater and micro and blocked and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/05/26 19:34
S36	0	symmetrical near2 dual near2 patch near2 array near2 antennas and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:29

S37	14	((symmetr\$6 proportion \$5 even equal) near2 (patch planar collinear yagi dipole billboard t2fd) near2 array) near2 (antenna radiator radiating aerial) and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:37
S38	2	"6653982".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:41
S39	1298	repeater near2 antenna	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:41
S40	683	repeater near2 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:41
S41	2	repeater near2 dual near2 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:53
S42	7	repeater near4 dual near2 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 14:53
S43	12	((symmetr\$6 proportion \$5 even equal) near4 (patch planar collinear yagi dipole billboard t2fd) near2 array) near2 (antenna radiator radiating aerial) and (isolat \$4) and @ad< "20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 16:36

S44	273	((symmetr\$6 proportion \$5 even equal) near4 (patch planar collinear yagi dipole billboard t2fd direct\$6)) near2 (antenna radiator radiating aerial) and (isolat\$4) and @ad<"20031018"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/27 16:43
S45	0	satellite with repeater and (asymmetrical near3 micro adj patch adj antenna) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 14:31
S46	0	satellite with repeater and (symmetrical near3 micro adj patch adj antenna) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 14:31
S47	791	(symmetrical near3 antenna) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 14:32
S48	1	(symmetrical near3 (micro near2 antenna)) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 14:32
S49	1	"4054886".pn.	US-PGPUB; USPAT	OR	ON	2009/12/05 15:50
S50	587	(symmetrical near2 antenna) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 15:59
S51	4	(symmetrical near2 antenna) and (satellite and repeat?) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 16:28
S52	2	(symmetrical near2 antenna) and (satellite and repeat?) and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 16:33
S53	9	(symmetrical near2 antenna) and repeat? and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 16:33
S54	3217	antenna and repeat? and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 16:37
S55	0	downlink near2 satellite near4 repeater near2 antenna near5 tunnels and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 17:50
S56	0	satellite near4 repeater near2 antenna near5 tunnels and @ad<"20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 17:50

S57	0	(satellite cellular cable) near4 (repeater re-transmission retransmission retransmit \$3) near2 (antenna radiator ariel) near5 (tunnel underpass shadow) and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 17:55
S58	1	(satellite cellular cable) near4 (repeater re-transmission retransmission retransmit \$3) near2 (antenna radiator ariel) near5 (tunnel underpass shadow) and @ad< "20031018"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 17:56
S59	1	"5923296".pn.	US-PGPUB; USPAT	OR	ON	2009/12/05 18:37
S60	1	"6924765".pn.	US-PGPUB; USPAT	OR	ON	2009/12/05 18:52
S61	0	dual near2 directional near2 microstrip near2 patch near2 array near2 antenna and @ad< "20031018"	US-PGPUB; USPAT	OR	ON	2009/12/05 18:56
S62	0	dual near2 directional near2 microstrip near2 patch near2 array near2 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 18:57
S63	59	dual near2 directional near5 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 18:58
S64	344	dual near2 (directional polar reflector) near5 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 19:05
S65	1541	(dual bi two) near2 (directional polar reflector) near5 antenna and @ad< "20031018"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/05 19:06

## **EAST Search History (I nterference)**

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